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JP
PATENT
0933-0148P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Aristos ARISTIDOU et al. Conf.: 6884

Appl. No.: 09/423,554 Group: 1652

Filed: November 10, 1999 Examiner: WALICKA, M.

For: TRANSFORMED MICROORGANISMS WITH
IMPROVED PROPERTIES

RECEIVED

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REPLY UNDER 37 C.F.R. § 1.111

Assistant Commissioner for Patents
Washington, DC 20231

January 16, 2002

| 01/17/2003 SSESHE1 00000045 09423554

| 01 FC:1201 84.00 0P
| 02 FC:1202 198.00 0P
Sir: | 03 FC:1253 930.00 0P

In response to the Office Action of July 16, 2002, the period for response having been extended three months, the following amendments and remarks are submitted in connection with the above-identified application.

AMENDMENTS

IN THE CLAIMS:

Please amend the claims as follows:

1. (Twice Amended) A microorganism transformed with at least one recombinant DNA molecule encoding at least a part of an enzyme that causes the functional coupling of the oxidation and reduction of substrates by NAD/NADH- or NADP/NADPH-linked dehydrogenase reactions that share a common substrate and have